

New Dental Materials

Septodont recently announced the release of **BIODENTINE™**, a bioactive dentine substitute made from tricalcium silicate powder and aqueous calcium chloride solution. According to the manufacturer, BIODENTINE™ has mechanical properties similar to sound dentin and contains high purity, monomer-free ingredients that can be applied directly to the tooth without prior surface treatment of calcified tissues. The manufacturer states that BIODENTINE™ is indicated for temporary enamel restorations, permanent dentin restorations, deep or large carious lesions, deep cervical or radicular lesions, pulp capping, and pulpotomy. In the root it is indicated for root and furcation perforations, internal/external resorptions, apexification, retrograde surgical filling. The manufacturer lists other benefits such as reactionary dentin genesis for pulp vitality preservation, natural micro mechanical anchorage for excellent sealing properties without surface preparation, similar mechanical properties and mechanical behavior as human dentin and 3.5mm Aluminum radiopacity for easy short/long term follow-up. The BIODENTINE™ kit contains 15 capsules and is available for \$250.00 (suggested retail/government).



For additional information contact Septodont USA at:

(800) 872-8305,
(717) 286-0100,
(717) 560-3480 FAX, or
www.septodontusa.com.

SEPTOJECT® EVOLUTION is a new a new line of single-use disposable injection needles from Septodont. The needles are indicated for routine administration of local dental anesthesia by infiltration and intraligamentary injections. The manufacturer states that the scalpel-designed bevel cuts rather than tears tissue requiring less force for the needle insertion. They also state that less tissue is displaced resulting in reduced discomfort for the patient, and the centered position of the bevel results in less deflection and greater control for the dentist. The needle is made of high grade surgical stainless steel tubing to reduce risk of breakage. The needles come in the following sizes: Infiltration 27G short 25 mm, Infiltration 30G short 25 mm, and Intraligamentary injections 30G extra-short 0.9 mm. The needles are packaged in boxes of 100 sterile single use dental needles and are available for \$17.50 (suggested retail/government).



For additional information contact Septodont USA at:

(800) 872-8305,
(717) 286-0100,
(717) 560-3480 FAX, or
www.septodontusa.com/home.